

Beaumont

Biostatistician

Beaumont Health is Michigan's largest health care system (based on inpatient admissions and net patient revenue) formed in 2014 to provide patients with compassionate, extraordinary care, no matter where they live in Southeast Michigan. Our culture of caring partnerships and care delivery model of patient and family-centered care demonstrates our commitment to engaging our patients, their family, and our community to promote continuous health care improvements.

With eight hospitals, 168 health centers, nearly 5,000 physicians and 35,000 employees, Beaumont Health contributes to the health and well-being of residents throughout southeast Michigan and beyond.

Beaumont is an academic health system with numerous residency and fellowship programs. Beaumont research is heavily oriented towards translational research, investigating new treatments, pharmaceuticals and scientific approaches aimed at enhancing the excellence and safety of patient care.

Duties and Responsibilities:

A masters' trained biostatistician is needed to work with investigators and graduate medical education trainees on a variety of projects. The biostatistician will be expected to work with faculty biostatisticians in supporting externally funded research, and to support resident and fellow research (Graduate Medical Education). The biostatistician will also be expected to develop as a statistical scientist.

The biostatistician will apply complex data management and a variety of intermediate and advanced statistical techniques and technical skills to promote the collection, analysis and interpretation of data arising from research studies. This work may include providing statistical consultation on study design and data preparation, assistance with the statistical aspects of manuscripts, posters and abstracts.

Position Qualifications:

- Master's degree in Biostatistics, Statistics or another related field with experience in statistical consulting, preferably in a biomedical environment
- Excellent organizational and analytical skills.
- Excellent communication and strong interpersonal skills
- Excellent technical writing and computer programming skills
- Proficient in at least two statistical languages such as SAS, R, STATA, or SPSS.
- Willingness to learn new statistical methods and new software.
- Strong skills in documenting all aspects of analyses.
- Ability to handle multiple projects simultaneously, prioritize heavy workload and function both autonomously and as member of a team.
- Prior work experience in public health, epidemiology, and/or biomedical research is desirable.
- The incumbent should have skills in descriptive analysis and applying modern statistical methods in modeling of data.
- Experience with design and set-up of databases is also desirable.

Application Instructions:

Beaumont Health

Research Institute

3811 W. Thirteen Mile Road

Royal Oak, MI 48073

Candidates should apply online at <https://www.beaumont.org/careers> (search for Position # 30152899), submitting both a CV/resume and a cover letter. Questions about the position can be directed to Robert Podolsky (Robert.Podolsky@beaumont.org).

Beaumont

Research Scientist – Biostatistics & Population Health Research

The Beaumont Research Institute (BRI), the research enterprise of Beaumont Health in southeast Michigan, is working with the Oakland University William Beaumont School of Medicine (OUWB) to become a leader in population health research. BRI has existing excellent translational research in cardiology, radiation oncology, orthopedics, infectious disease, neurodegenerative disease and urology. The heart of population health research at Beaumont will include a strong quantitative group that includes the program in Population Health Informatics at OUWB. This group will consist of professionals who analyze and translate big health and social determinant data into improvements in health and health care delivery.

Duties and Responsibilities:

As part of this strategic initiative, the BRI invites applications for the position of Research Scientist – Biostatistics whose research interests will complement and expand existing Beaumont research. The incumbent will contribute to the development of population health research at Beaumont. Potential areas of research include predictive modeling and data science, causal analysis and the analysis of observational data, and methods relevant to understanding the social determinants of health. The Research Scientist will develop collaborative research with existing Beaumont researchers and maintain their own research.

Position Qualifications:

The Research Scientist – Biostatistics is expected to have the following:

- Doctoral degree in statistics, biostatistics, or related fields.
- Strong analytic and quantitative skills.
- Experience collaborating with medical and/or public health professionals in a multidisciplinary setting.
- Ability to obtain competitive grant funding.
- Excellent written and oral communication skills.
- Credentials qualifying for appointment as adjunct faculty at Oakland University

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Application Instructions:

Candidates should apply online at <https://www.beaumont.org/careers> (search for Position # 30151523), including a statement of research interests with your resume. Questions about the position can be directed to Robert Podolsky (Robert.Podolsky@beaumont.org).

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